

L Number	Hits	Search Text	DB	Time stamp
-	4	((("5333308") or ("5349674"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:04
-	176099	continuous\$6 with (detect\$6 or track\$6 or monitor\$6 or check\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:25
-	12462	(fail\$4 or error\$4 or problem\$ or fault\$4) with (continuous\$6 with (detect\$6 or track\$6 or monitor\$6 or check\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:08
-	330	(repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) with ((fail\$4 or error\$4 or problem\$ or fault\$4) with (continuous\$6 with (detect\$6 or track\$6 or monitor\$6 or check\$6)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:34
-	49	((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) with ((fail\$4 or error\$4 or problem\$ or fault\$4) with (continuous\$6 with (detect\$6 or track\$6 or monitor\$6 or check\$6)))) with (file\$ or program\$ or function\$ or subroutine\$ or list\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:33
-	82901	(continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:02
-	4238633	(file\$ or program\$ or function\$ or subroutine\$ or list\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:33
-	3839026	(repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:35
-	90	((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)) with ((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:38

-	54247	((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) near3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:46
-	17	((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) near3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:41
-	27590	((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) adj3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:50
-	8	((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) adj3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 16:53
-	59	((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)) with ((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) not (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) near3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) adj3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) with (((fail\$4 or error\$4 or problem\$ or fault\$4) with (continuous\$6 with (detect\$6 or track\$6 or monitor\$6 or check\$6)))) with (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:08
-	10	("5349674") or ("4796206") or ("6427227") or ("6442605") or ("6151709")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:01

-	0	("06and15").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:01
-	0	((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) and (((("5349674") or ("4796206") or ("6427227") or ("6442605") or ("6151709"))).PN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:01
-	83055	(oftent\$6 or continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:03
-	12	((("5333308") or ("5349674")).PN.) or (((("5349674") or ("4796206") or ("6427227") or ("6442605") or ("6151709"))).PN.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:03
-	0	((oftent\$6 or continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) and (((("5333308") or ("5349674")).PN.) or (((("5349674") or ("4796206") or ("6427227") or ("6442605") or ("6151709"))).PN.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:04
-	1930	10.ti.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:07
-	4	10.ti. and ((oftent\$6 or continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:05
-	13112	10.ab.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:07
-	51	10.ab. and ((oftent\$6 or continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/24 17:07

-	1528235	<p>"51" not (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) near3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) adj3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) with ((fail\$4 or error\$4 or problem\$ or fault\$4) with (continuous\$6 with (detect\$6 or track\$6 or monitor\$6 or check\$6)))) with (file\$ or program\$ or function\$ or subroutine\$ or list\$6)) or (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)) with ((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) )) not (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) near3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) adj3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) with ((fail\$4 or error\$4 or problem\$ or fault\$4) with (continuous\$6 with (detect\$6 or track\$6 or monitor\$6 or check\$6)))) with (file\$ or program\$ or function\$ or subroutine\$ or list\$6))))</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2004/03/24 17:08</p>
---	---------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------	-----------------------------

	44	<p>(10.ab. and ((oftent\$6 or continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6))) not (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) near3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) adj3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) with ((fail\$4 or error\$4 or problem\$ or fault\$4) with (continuous\$6 with (detect\$6 or track\$6 or monitor\$6 or check\$6)))) with (file\$ or program\$ or function\$ or subroutine\$ or list\$6)) or (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)) with ((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) )) not (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) near3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((continuous\$6 or frequent\$6 or concurrent\$6 or contiguous\$4) adj3 (detect\$6 or track\$6 or monitor\$6 or check\$6)) with (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) ) adj3 ( (file\$ or program\$ or function\$ or subroutine\$ or list\$6)))) or (((repair\$6 or fix\$4 or heal\$4 or troubleshoot\$4) with ((fail\$4 or error\$4 or problem\$ or fault\$4) with (continuous\$6 with (detect\$6 or track\$6 or monitor\$6 or check\$6)))) with (file\$ or program\$ or function\$ or subroutine\$ or list\$6))))</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2004/03/24 17:08</p>
--	----	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------	-----------------------------

US-PAT-NO: 6640317

DOCUMENT-IDENTIFIER: US 6640317 B1

TITLE: Mechanism for automated generic application  
damage detection and repair in strongly encapsulated  
application

----- KWIC -----

Abstract Text - ABTX (1):

A method, system, and apparatus for detecting and repairing damaged portions of a computer system is provided. In a preferred embodiment of the present invention, a damage detection and repair facility monitors and detects changes to the computer system. The damage detection and repair facility compares these changes to the set of constraints defined by the working definitions for each application installed on the computer system. The working definitions define the invariant portions of each application and define the constraints placed upon the computer system by each application. Responsive to changes that are in conflict with this set of constraints, the damage detection and repair facility makes such changes in the persistent storage so as to resolve these conflicts. This may be done, for example, by repairing a damaged file, installing a missing driver, or adjusting an environment variable.

Brief Summary Text - BSTX (13):

Currently the generally accepted method of protecting a computer system from damage from outside viral attacks is through the use of third party vendor virus protection software products. However, these products must be updated frequently to be able to detect the latest viruses. Any new virus that has been created since the software was updated may be undetected by the virus protection software, thus enabling that virus to corrupt or destroy files necessary for the proper performance of the computer.